

GROUP	2   4	HERBICIDE
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## DB-878 PRO HERBICIDE

FOR USE IN THE PRAIRIE PROVINCES, PEACE RIVER REGION AND INTERIOR OF BRITISH COLUMBIA PRIOR TO SEEDING WHEAT (SPRING, DURUM AND WINTER), SPRING BARLEY OR OATS, AND FOR CHEMFALLOW AND POST HARVEST APPLICATIONS

WETTABLE GRANULES

COMMERCIAL

READ THE LABEL AND THE ATTACHED BOOKLET BEFORE USING

REGISTRATION NO. 33868

PEST CONTROL PRODUCTS ACT

**ACTIVE INGREDIENT:** Dicamba, present as sodium salt 59.57%  
Tribenuron-methyl 6.38%  
Metsulfuron-methyl 1.28%

WARNING, CONTAINS THE ALLERGENS SULFITES AND MILK

CAUTION



POISON

EYE IRRITANT  
POTENTIAL SKIN SENSITIZER

**NET CONTENTS:** 200 g - bulk

FMC of Canada Limited  
6755 Mississauga Road, Suite 204  
Mississauga, ON L5N 7Y2  
1-833-362-7722

**PRECAUTIONS:**

- KEEP OUT OF REACH OF CHILDREN.
- Potential skin sensitizer
- Do not apply by air
- Do not contaminate any body of water.
- May be harmful if swallowed, inhaled or absorbed through skin.
- Avoid breathing spray mist. Use with adequate ventilation.
- Avoid contact with skin, eyes and clothing.
- Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing and loading. Gloves are not required during application within a closed cab.
- When using, do not eat, drink or smoke.
- Wash thoroughly with soap and water after handling.
- Remove contaminated clothing immediately after use
- Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

**FIRST AID:**

**IF IN EYES:**

Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:**

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

**IF SWALLOWED:**

Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:**

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

<b>IN CASE OF EMERGENCY, CALL TOLL FREE, DAY OR NIGHT: 1-800-331-3148</b>
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**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

**ENVIRONMENTAL PRECAUTIONS:** Toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under **DIRECTIONS FOR USE**. Refer to attached booklet for more information.

**STORAGE:**

Store this product away from food or feed. Store product in original container only, away from other pesticides or fertilizer. Not for use or storage in or around the home. Keep container closed.

**DISPOSAL:**

**For recyclable containers:**

DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/ dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial or territorial requirements.

**If this is a refillable container:**

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. DO NOT reuse this container for any other purpose.

**If this is a returnable container:**

DO NOT reuse this container for any other purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

**For all package types:**

For information on disposal of unused, unwanted product, contact the registrant or the provincial or territorial regulatory agency. Contact the registrant and the provincial or territorial regulatory agency in case of a spill, and for clean up of spills.

**NOTICE TO USER:**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

FMC is a trademark of FMC Corporation or an affiliate.

<<DFU Booklet>>

GROUP

2 | 4

HERBICIDE

## DB-878 PRO HERBICIDE

FOR USE IN THE PRAIRIE PROVINCES, PEACE RIVER REGION AND INTERIOR OF BRITISH COLUMBIA PRIOR TO SEEDING WHEAT (SPRING, DURUM AND WINTER), SPRING BARLEY, OR OATS, AND FOR CHEMFALLOW AND POST HARVEST APPLICATIONS

WETTABLE GRANULES

COMMERCIAL

READ THE LABEL AND THE ATTACHED BOOKLET BEFORE USING

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1-833-362-7722

**PRECAUTIONS:**

- KEEP OUT OF REACH OF CHILDREN.
- Potential skin sensitizer
- Do not apply by air
- Do not contaminate any body of water.
- May be harmful if swallowed, inhaled or absorbed through skin.
- Avoid breathing spray mist. Use with adequate ventilation.
- Avoid contact with skin, eyes and clothing
- Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing and loading. Gloves are not required during application within a closed cab.
- When using, do not eat, drink or smoke.
- Wash thoroughly with soap and water after handling.
- Remove contaminated clothing immediately after use.
- Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

**ENVIRONMENTAL PRECAUTIONS:**

- Toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.
- To reduce runoff from treated areas into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil, or clay.
- Avoid application when heavy rain is forecast.
- Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.
- Additional guidance can be found on the Runoff Mitigation portion of the Canada.ca website.
- This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

**FIRST AID:**

**IF IN EYES:**

Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

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Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**IN CASE OF EMERGENCY, CALL TOLL FREE, DAY OR NIGHT: 1-800-331-3148**

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

## **DIRECTIONS FOR USE**

### **IMPORTANT**

#### **PRODUCT DESCRIPTION:**

DB-878 PRO Herbicide provides control of certain broad-leaved weeds prior to seeding wheat (spring, durum and winter), spring barley or oats, and in chemfallow and post-harvest applications. DB-878 PRO Herbicide contains three active ingredients; it is non-corrosive, non-flammable, non-volatile and does not freeze. DB-878 PRO Herbicide is to be applied as a uniform broadcast spray using water as a carrier. **APPLY WITH GROUND EQUIPMENT ONLY.**

Warm, moist growing conditions promote active weed growth and enhance the activity of DB-878 PRO Herbicide by allowing maximum foliar uptake and contact activity. Weeds hardened off by environmental stress such as cold weather, drought stress or excessive heat may not be adequately controlled or suppressed, and re-growth may occur. DB-878 PRO Herbicide may only be applied using ground spray equipment. For best results, ensure thorough spray coverage of target weeds.

DB-878 PRO Herbicide rapidly stops growth of susceptible weeds. However, typical symptoms (discoloration) of dying weeds may not be noticeable for 1 to 3 weeks after application, depending on growing conditions and weed susceptibility. Degree of control and duration of effect depend on weed sensitivity, weed size, spray coverage and growing conditions. Activity of the herbicide mixture may be delayed by cold, dry conditions after application.

**DO NOT APPLY DB-878 PRO HERBICIDE WITH A CARRIER OTHER THAN WATER OR ANY ADDITIVE OTHER THAN THOSE INDICATED ON THIS LABEL.** Other carriers may accelerate breakdown of this product and reduce its effectiveness.

## **IMPORTANT INFORMATION: READ BEFORE USING**

#### **APPLICATION PRECAUTIONS:**

- **DO NOT APPLY BY AIR.**
- Do not apply to irrigated land where tail water will be used to irrigate cropland.
- **DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.
- As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.
- Do not apply to frozen ground where surface runoff may occur.
- Apply DB-878 PRO Herbicide when air temperature is between 10 and 25 degrees C. Do not apply when there is a risk of severe drop in night temperature.
- Do not treat areas where soil penetration or surface washing may bring DB-878 PRO Herbicide into contact with roots of desirable plants.
- Do not remove soil from treated fields for use on lawns, in gardens or for backfill.
- Do not apply to a crop undersown with legumes or grasses as injury to the forage may result.
- Do not use on highly variable soils that have large gravelly or sandy areas, eroded knolls or calcium deposits.
- Do not apply more than 117.5 grams/hectare of DB-878 PRO Herbicide per year.

- DB-878 PRO Herbicide applied to fields to be planted to spring wheat, durum wheat, winter wheat or barley that are stressed by severe conditions such as drought, low fertility, saline soils, waterlogged soils (soils at or near field capacity), disease or insect damage may result in crop injury. Drought, disease or insect damage following application may also result in crop injury, grade or yield loss.
- Heavy rainfall soon after application may result in visual crop injury or possible yield reduction. Conditions such as thin crop stand, sandy soil or low soil organic matter may increase the severity of injury.
- Heavy rainfall immediately after application may wash the herbicide off the foliage, which may reduce the effectiveness of DB-878 PRO Herbicide. Do not apply if rain is forecast for the time of application
- Apply only to agricultural crops when the potential for drift to areas of human habitation and areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversion, application equipment and sprayer settings.
- Control of weeds growing in wheel tracks may be reduced if DB-878 PRO Herbicide is applied under dry, dusty conditions.
- Carefully observe sprayer clean-up instructions, as spray tank residue may damage crops other than wheat (spring, durum and winter) or spring barley.

When using other herbicides containing the active ingredient tribenuron-methyl, follow the instructions on the label and restrict the total use tribenuron-methyl to 15 grams active ingredient per hectare per year.

When using other herbicides containing the active ingredient metsulfuron methyl, follow the instructions on the label restrict total use of metsulfuron methyl to 1.5 grams active ingredient per hectare per year.

#### SPRAY DRIFT PRECAUTIONS

DB-878 PRO Herbicide may cause injury to desirable trees and plants, particularly flowers, fruit trees, grapes, ornamentals, peas, potatoes, tomatoes, and other broadleaf plants, especially in their developmental and growing stage. Follow these precautions when spraying in the vicinity of sensitive crops:

1. Avoid spraying when winds are towards sensitive crops. Leave an adequate spray buffer zone between treatment areas and sensitive plants.
2. Use coarse sprays since they are less likely to drift than fine sprays. Select nozzles which minimize amounts of fine spray particles. Keep spray pressure below 150 kPa and the spray volume above 220 L/ha unless otherwise required by the nozzle manufacturer.
3. Do not spray when the temperature is expected to exceed 30°C.
4. Avoid spraying under conditions of high humidity or fog.

Field Sprayer Application: **DO NOT** apply when wind speed is less than 1 km/h. Avoid application of this product when winds are gusty. **DO NOT** apply with sprays finer than the American Society of Agricultural and Biological Engineers (ASABE) S572 (572.1 to 572.3) coarse classification. Boom height must be 60 cm or less above the crop or ground.

#### Spray Buffer zones:

A spray buffer zone is NOT required for

- uses with hand-held equipment permitted on this label.

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrub lands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands).

Method of Application	Spray Buffer Zones (metres) Required for the Protection of:		
	Terrestrial Habitat	Aquatic Habitats of Depths:	
Field sprayer		Less than 1 m	Greater than 1 m
	5	1	1

When tank-mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASABE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product for conventional application equipment can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Drift Mitigation portion of the Canada.ca website

#### **RE-CROPPING INTERVALS:**

Fields treated with DB-878 PRO Herbicide may be seeded to wheat (spring, durum or winter), spring barley or oats a minimum of 24 hours after application.

The following crops may be seeded 10 months after application: Canola, dry beans, faba beans, field corn, flax, lentils, peas and soybeans.

Fields treated with a post-harvest application of DB-878 PRO Herbicide in the fall may be seeded in the spring to wheat (spring or durum), spring barley or oats, or fields may be summerfallowed.

Make only one application of DB-878 PRO Herbicide per season.

#### **CONTROL OF BROADLEAF WEEDS AND GRASSES PRE-SEED TO WHEAT (SPRING, DURUM OR WINTER), SPRING BARLEY AND OATS, IN CHEMFALLOW AND POST-HARVEST**

With any chemfallow or post-harvest treatment, allow at least 10 days to elapse between treatment and tillage. Only weeds emerged at time of application will be controlled. Weeds must be actively growing at time of application or control may be reduced.

Fields treated with DB-878 PRO Herbicide can be seeded to wheat (spring, durum or winter), spring barley or oats a minimum of 24 hours after application.

Apply DB-878 PRO Herbicide at 117.5 grams per hectare, tank-mixed with glyphosate (present as potassium salt, isopropylamine salt or ammonium salt) in a total spray volume of 55-110 L/ha. This tank-mix will control the following weeds:



Companion Herbicide	Application Rate (grams acid equivalent per hectare)	Application Stage	Weeds Controlled	Weeds Suppressed *
glyphosate (present as potassium salt, isopropylamine salt or ammonium salt)	450 g ae/ha	Up to 8 cm	Canada fleabane, cleavers <sup>R</sup> , common ragweed, kochia (including Group 2 and Group 9 resistant biotypes), narrow leaved hawk's beard <sup>R</sup> , scentless chamomile	Night flowering catchfly
		Up to 10 cm		Wild carrot
		1-6 leaf	Chickweed,	
		Up to 15 cm	Dandelion <sup>R</sup> , downy brome, flixweed, giant foxtail, green foxtail, hemp nettle, lady's thumb, lamb's-quarters, Persian dandelion, redroot pigweed, Russian thistle, stinkweed, volunteer barley, volunteer canola <sup>R</sup> (including glyphosate-tolerant varieties), volunteer flax, volunteer wheat, wild mustard, wild oats	Tufted vetch
		Up to 3-leaf	Cow cockle	
		Up to 8-leaf	Wild buckwheat	
		Rosette	White cockle	Canada thistle

\* Weed suppression is a visual reduction in weed competition (reduced population or vigour) as compared to an untreated area. Degree of suppression will vary with size of weed and environmental conditions prior to and following treatment.

<sup>R</sup> Residual Control

#### RESIDUAL WEED CONTROL RECOMMENDATIONS:

For residual control or suppression of cleavers, dandelion, narrow leaved hawk's beard and volunteer canola (including glyphosate tolerant canola), apply DB-878 PRO Herbicide with a recommended glyphosate herbicide as directed above. Degree and duration of residual control will depend on environmental conditions at and following treatment and weed infestation levels.

Consult the respective glyphosate herbicide label for use precautions and other weeds controlled by the glyphosate herbicide.

### DB-878 PRO HERBICIDE plus GLYPHOSATE plus AIM® EC HERBICIDE/ INTRUVIX™ B

With any chemfallow treatment or post-harvest treatment, allow at least 10 days to elapse between treatment and tillage. Only weeds emerged at time of application will be controlled.

Fields treated with this tank-mix can be seeded to spring wheat (including durum), winter wheat, spring barley or oats a minimum of 24 hours after application.

Apply DB-878 PRO Herbicide at 117.5 g/ha, tank-mixed with glyphosate (present as potassium salt, isopropylamine salt, ammonium salt) at 450 g ae/ha plus AIM® EC Herbicide/ INTRUVIX™ B at 36.5 - 117 mL/ha in a total spray volume of 100 L/ha. This tank-mix will control all the weeds listed for control by the DB-878 PRO Herbicide + Glyphosate tank-mix, plus the weeds listed below.

Herbicide Tank-Mix Partner	Rate	Additional weeds controlled (up to 10 cm in height, or as specified)
Aim® EC Herbicide/ INTRUVIX™ B	36.5 mL/ha	Morning glory (up to 3 leaves) Nightshade, black (up to 5 cm tall) Nightshade, Eastern black (up to 5 cm tall) Velvetleaf Waterhemp, tall (up to 5 cm tall)
	58 mL/ha	All weeds controlled at 36.5 mL/ha plus:  Mallow, round-leaved Morning glory Nightshade, hairy Pigweed, prostrate Pigweed, smooth Pigweed, tumble Purslane, common Smartweed, Pennsylvania (seedling) Mustard, tansy Waterhemp, tall Waterhemp, common
	73 mL/ha	All weeds controlled at 58 mL/ha plus:  Carpetweed Cocklebur Kochia (including Group 2, 4 and Group 9 resistant biotypes) Jimsonweed Nightshade, black Nightshade, Eastern black Shepherd's purse
	117 mL/ha	All the weeds controlled at 73 mL/ha plus: Burclover Lettuce, prickly Mallow, Venice (up to 5 cm tall) Spurry, corn

### DB-878 PRO HERBICIDE plus GLYPHOSATE plus PJ997 Herbicide or CF Herbicide

With any chemfallow treatment or post-harvest treatment, allow at least 10 days to elapse between treatment and tillage. Only weeds emerged at time of application will be controlled.

Fields treated with this tank-mix can be seeded to spring wheat (including durum), winter wheat, spring barley, or oats a minimum of 24 hours after application.

Apply DB-878 PRO Herbicide at 117.5 g/ha, tank-mixed with glyphosate (present as potassium salt, isopropylamine salt, ammonium salt) at 450 g ae/ha plus PJ997 Herbicide or CF Herbicide at 22 – 70 g/ha in a total spray volume of 100 L/ha. This tank-mix will control all the weeds listed for control by the DB-878 PRO Herbicide + Glyphosate tank-mix, plus the weeds listed below.

Herbicide Tank-Mix Partner	Rate	Additional weeds controlled (up to 10 cm in height, or as specified)
PJ997 Herbicide or CF Herbicide	22 g/ha	Morning glory (up to 3 leaves) Nightshade, black (up to 5 cm tall) Nightshade, Eastern black (up to 5 cm tall) Velvetleaf Waterhemp, tall (up to 5 cm tall)
	35 g/ha	All weeds controlled at 22 g/ha plus:  Mallow, round-leaved Morning glory Nightshade, hairy Pigweed, prostrate Pigweed, smooth Pigweed, tumble Purslane, common Smartweed, Pennsylvania (seedling) Mustard, tansy Waterhemp, tall Waterhemp, common
	45 g/ha	All weeds controlled at 35 g/ha plus:  Carpetweed Cocklebur Kochia (including Group 2, 4 and Group 9 resistant biotypes) Jimsonweed Nightshade, black Nightshade, Eastern black Shepherd's purse
	70 g/ha	All the weeds controlled at 70 g/ha plus:  Burdock Lettuce, prickly Mallow, Venice (up to 5 cm tall) Spurry, corn

This product may be tank-mixed with registered pest control products, whose labels also allow tank-mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank-mix partner labels, the most restrictive label must be followed. Do not tank-mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank-mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact FMC at 1-833-362-7722 for information before applying any tank-mix that is not specifically recommended on this label.

### MIXING INSTRUCTIONS

1. Always start with a clean and empty sprayer tank.
2. Fill the tank  $\frac{1}{2}$  full of **clean** water.
3. With the agitator running, add the required amount of DB-878 PRO Herbicide. Continue to agitate for a minimum of 5 minutes to ensure that DB-878 PRO Herbicide is **completely** dissolved.
4. Make sure there are no un-dissolved granules, and then add the required amount of the tank-mix partner(s) while maintaining agitation.
5. If the tank-mix partner is an Emulsifiable Concentrate (EC), reduce agitation to avoid inducing an invert emulsion.
6. Add the rest of the water. Use a minimum spray volume of 55 L/ha.
7. If required for the tank mixture, add surfactant. If an antifoam agent is required, add last.
8. Refer to the section Specific Tank-Mix Directions for mixing order and other mixing instructions.
9. For repeat tank loads, reduce the material remaining in the tank to 10% of the original volume **or less** before proceeding with step 1, because remaining chemicals may prevent DB-878 PRO Herbicide granules from completely dissolving. If this is not possible, pre-slurry DB-878 PRO Herbicide in a small amount (5-10 L) of water before adding to the tank.

Spray preparation should be used within 24 hours or product degradation may occur.

### SPECIAL MIXING INSTRUCTIONS FOR CHEMICAL HANDLERS (INDUCTION DEVICES FOR CLOSED SYSTEM LOADING OF SPRAYERS)

1. Ensure the chemical handler is clean (rinsed with ammonia).
2. For best results, add DB-878 PRO Herbicide to the top of the tank.
3. If a chemical handler is used, make sure that all of the granules of DB-878 PRO Herbicide are completely dissolved and injected into the main tank with agitation before adding other chemicals.
4. Low water volumes in some chemical handlers can cause the water to become saturated with DB-878 PRO Herbicide, leaving un-dissolved granules. In that case, rinse the chemical handler with clean water before adding any other chemical.
5. Always dissolve the DB-878 PRO Herbicide granules with agitation in the main tank before adding a tank-mix partner.

NOTE: Follow the clean-out procedure recommended for sprayer tanks for the chemical handler.

### **EQUIPMENT-SPRAY VOLUMES**

Apply the spray mixture uniformly with properly calibrated ground equipment only. Ensure thorough coverage and a uniform spray pattern. Flat fan nozzles are recommended (minimum 55 litres spray volume per hectare). Use 50 mesh filter screens or larger (metal or nylon).

Once DB-878 PRO Herbicide is in solution, it will not settle out. Apply uniformly and avoid overlapping. Shut off spray boom while starting, turning, slowing or stopping to prevent crop injury from over application.

Reduce drift with high water volume, low pressure, coarse sprays and drop nozzles. Do not apply with more than 275 kPa spray pressure.

### **SPRAYER CLEANOUT**

**DO NOT CLEAN SPRAYER NEAR WELL OR WATER SOURCE OR NEAR TO DESIRABLE VEGETATION.** To avoid subsequent injury to crops other than wheat or spring barley, immediately after spraying and prior to spraying other crops, thoroughly remove all traces of DB-878 PRO Herbicide from mixing and spray equipment as follows:

1. Drain tank and then fill tank half-full with clean water. Flush tank, boom and hoses by operating the sprayer until the system is purged of the rinse water. If boom is equipped with multiple nozzle bodies, be sure to rotate through all nozzles to ensure clean water reaches all parts of these assemblies.
2. Visually inspect tank to ensure removal of all visible herbicide residues. If necessary, repeat Step 1.
3. Fill the tank with clean water, and then add 1 litre household AMMONIA (containing minimum of 3% ammonia) or equivalent amount of a sprayer tank cleaner containing ammonia, per 100 litres of water. Ammonia will not neutralize the herbicide, but helps dissolve dried-on herbicide deposits. If an emulsifiable concentrate has been tank mixed with DB-878 PRO Herbicide, use of a wetting agent in the cleaning process will assist in removing oily residue that may trap DB-878 PRO Herbicide on the tank and hoses.
4. Flush solution through boom and hoses, and then add more water to completely fill tank. Allow to sit for 15 minutes with agitation.
5. Drain the tank.
6. Remove the nozzles and screens and clean separately in a bucket containing cleaning agent and water.
7. Flush the sprayer with two tanks full of clean water, flushing water through the hoses and boom.

Consult the tank-mix partner labels for any additional sprayer cleaning instructions specific to the tank-mix partner.

**CAUTION:** Do not use ammonia with chlorine bleach. Using ammonia with chlorine bleach will release a gas with a musty chlorine odour that can cause eye, nose, throat, and lung irritation. Do not clean equipment in an enclosed area.

## **RESISTANCE-MANAGEMENT RECOMMENDATIONS:**

For resistance management, DB-878 PRO Herbicide is a Group 2 + Group 4 herbicide. Any weed population may contain or develop plants naturally resistant to DB-878 PRO Herbicide and other Group 2 or Group 4 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- ◆ Where possible, rotate the use of DB-878 PRO Herbicide or other Group 2 and Group 4 herbicides within a growing season (sequence) or among growing seasons with different herbicide groups that control the same weeds in a field.
- ◆ Use tank mixtures with herbicides from a different group when such use is permitted. To delay resistance, the less resistance-prone partner should control the target weed(s) as effectively as the more resistance-prone partner.
- ◆ Herbicide use should be based on an integrated weed management program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical control methods), cultural (for example, higher crop seeding rates; precision fertilizer application method and timing to favour the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- ◆ Monitor weed populations after herbicide application for signs of resistance development (for example, only one weed species on the herbicide label not controlled). If resistance is suspected, prevent weed seed production in the affected area if possible by an alternative herbicide from a different group. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields and planting clean seed.
- ◆ Have suspected resistant weed seeds tested by a qualified laboratory to confirm resistance and identify alternative herbicide options.
- ◆ Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- ◆ For further information or to report suspected resistance, contact your local FMC representative or the FMC hotline at 1-833-362-7722 for further information

## **STORAGE:**

Store this product away from food or feed. Store product in original container only, away from other pesticides or fertilizer. Not for use or storage in or around the home. Keep container closed.

## **DISPOSAL:**

### **For recyclable containers:**

DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/ dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial or territorial requirements.

**If this is a refillable container:**

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. DO NOT reuse this container for any other purpose.

**If this is a returnable container:**

DO NOT reuse this container for any other purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

**For all package types:**

For information on disposal of unused, unwanted product, contact the registrant or the provincial or territorial regulatory agency. Contact the registrant and the provincial or territorial regulatory agency in case of a spill, and for clean up of spills.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

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